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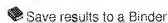
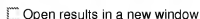


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Marc Olano, Kurt Akeley, John C. Hart, Wolfgang Heidrich, Michael McCool, Jason L. Mitchell, Randi Rost

August 2004 SIGGRAPH '04: ACM SIGGRAPH 2004 Course Notes

Publisher: ACM

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Real-time procedural shading was once seen as a distant dream. When the first version of this course was offered four years ago, real-time shading was possible, but only with one-of-a-kind hardware or by combining the effects of tens to hundreds of rendering ...

 Software
 Automate
 Easy: N
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3 [Model-driven design and deployment of service-enabled web applications](#)

Ioana Manolescu, Marco Brambilla, Stefano Ceri, Sara Comai, Piero Fraternali

August 2005 ACM Transactions on Internet Technology (TOIT), Volume 5 Issue 3

Publisher: ACM

Full text available: pdf(5.07 MB)

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Significant effort is currently invested in application integration, enabling business processes of different companies to interact and form complex multiparty processes. Web service standards, based on WSDL (Web Service Definition Language), have been ...

Keyw ords: UML, Web application, Web services, WebML, modeling

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4 [Fast online pointer analysis](#)

Martin Hirzel, Daniel Von Dincklage, Amer Diwan, Michael Hind

April 2007 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 29 Issue 2

Publisher: ACM

Full text available:  pdf(430.96 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

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Pointer analysis benefits many useful clients, such as compiler optimizations and bug finding tools. Unfortunately, common programming language features such as dynamic loading, reflection, and foreign language interfaces, make pointer analysis difficult. ...

Keyw ords: Pointer analysis, class loading, native interface, reflection

5 [Overshadow: a virtualization-based approach to retrofitting protection in commodity operating systems](#)



Xiaoxin Chen, Tal Garfinkel, E. Christopher Lewis, Pratap Subrahmanyam, Carl A. Waldspurger, Dan Boneh, Jeffrey Dvoskin, Dan R.K. Ports

March 2008 ASPLOS XIII : Proceedings of the 13th international conference on Architectural support for programming languages and operating systems

Publisher: ACM

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Commodity operating systems entrusted with securing sensitive data are remarkably large and complex, and consequently, frequently prone to compromise. To address this limitation, we introduce a virtual-machine-based system called Overshadow that protects ...


Keyw ords: VMM, cloaking, hypervisors, memory protection, multi-shadowing, operating systems, virtual machine monitors

6 [Communications of the ACM: Volume 51 Issue 8](#)



August 2008 issue Volume 51 Issue 8

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